Project No. W-_____-_____-

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER
TECHNICAL REVIEW FORM

SURFACE WATER SUPPLIES
(N.J.A.C. 7:10-11.8)

Water Purveyor	PWSID#	Municipality

Source of Water (i.e. identify the body of water):

Latitude and Longitude of Intake: _____   Water Diversion Approval No:

Maximum Permitted Withdraw: _____   Total Pumping Capacity:

Major Pollutant Sources within the Watershed:

Minor Pollutant Sources within One Mile Upstream of Intake:

	YES	NO	N/A
Watershed Monitoring			
1. Has a watershed-monitoring program for water quality been approved by the Department and implemented?	❏	❏	❏
2. Has an evaluation of all major and minor pollutant sources been performed?	❏	❏	❏
3. Has a watershed monitoring and emergency response plan been approved by the Department and implemented?	❏	❏	❏
Intake Design			
1. Is the surface water intake equipped with multiple units (excluding raw water intake lines)to provide firm capacity?	❏	❏	❏
2. Is the intake structure located and arranged to minimize the impact of surface drainage on water quality?	❏	❏	❏
3. Does the maximum surface water intake velocity exceed one-half foot per second?	❏	❏	❏
4. Is the intake designed to allow for the selective withdraw of water from multiple levels of the reservoir?	❏	❏	❏

Project No. W-_____-_____-

	YES	NO	N/A

5. Is the intake protected by removable or cleanable coarse screens or racks to prevent debris from entering the water system?   ❐ ❐ ❐

6. Is the intake located within 100 feet of a septic system or sanitary sewer line?   ❐ ❐ ❐

7. Is all mechanical equipment located above the 100 year flood plain?   ❐ ❐ ❐

Treatment Facilities

1. Has pilot test data been submitted for the proposed treatment process?   ❐ ❐ ❐

2. Does treatment, at a minimum, include coagulation, flocculation, gravity filtration, and disinfection?   ❐ ❐ ❐

3. Is the treatment facility designed to accommodate powder activated carbon or granular activated carbon treatment units?   ❐ ❐ ❐

4. Is the treatment plant designed to provide firm capacity to meet peak demands (excluding coagulation, flocculation, and sedimentation)?   ❐ ❐ ❐

5. Is auxiliary power provided?   ❐ ❐ ❐

Equipment

1. Is equipment provided for the continuous monitoring and recording of the disinfectant residual entering the distribution system?   ❐ ❐ ❐

2. Is equipment provided for the continuous monitoring and recording of the turbidity from each individual filter?   ❐ ❐ ❐

3. Is each filter design to have the capability to filter to waste at the normal production rate?   ❐ ❐ ❐

***Submit appropriate engineering plans, specifications, reports, etc. to substantiate your answers. ***

I hereby certify that answers provided herein are accurate and reflective of the project being considered for approval.

Signature of Engineer   Date   N.J.P.E. #
Professional Engineer's Embossed Seal

_____ Type or
Print Name of Engineering Firm